



CAREER and TECHNICAL EDUCATION UPDATE February 1, 2016

February is National Career and Technical Education Month

The Association for Career and Technical Education (ACTE), National Association of State Directors of Career Technical Education Consortium (NASDCTEC), and Career and Technical Student Organizations (CTSOs) will celebrate CTE Month in February, highlighting the impact of career and technical education (CTE) on student success, workforce development and the economy across the country and advocating for an increased CTE presence in secondary, post-secondary programs to ensure American economic prosperity.

During February's CTE Month, CTE programs and CTSOs across the country host a variety of events showcasing their programs and students' successes to their community, policymakers and business leaders. This year's theme is Opportunities for Career Success, emphasizing that CTE creates career pathways and imparts vital employability skills that employers are seeking in a 21st century workforce.

ACTE - Student Trophy Design Contest

ACTE is excited to announce our first-ever student contest to re-design the 3D-printed trophies for the ACTE Excellence Awards. [See contest details below.](#)

The ACTE Excellence Awards promote excellence in career and technical education (CTE). Since 1954, ACTE has recognized those individuals who have made extraordinary contributions to CTE, programs that have exemplified the highest standards and organizations that have demonstrated leadership in promoting and expanding CTE programs. Award winners serve as inspirational leaders to ACTE: they embody the core values of serving students and being committed to CTE.

In 2013, ACTE presented its national winners with the first ACTE trophies created by 3D printers. For this effort, ACTE partnered with Stratasys, a company that manufactures 3D printing equipment and materials that create physical objects directly from digital data. The trophies were designed by Douglas Koch, associate professor and chair of the School of Technology at the University of Central Missouri.



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Thanks to Stratasys, we are pleased to continue presenting these unique trophies that not only celebrate but embody ACTE's core values. Created by cutting-edge technology, the trophies manifest CTE's role in preparing students for 21st century careers and harness the power of collaboration between CTE and business and industry partners. With the inception of the design contest, the trophies will not only celebrate CTE but showcase the talents of its greatest achievement: its students.

The winning trophy design will be 3D-printed by Stratasys and presented to the 10 national award winners at the 2016 ACTE Awards Banquet in Las Vegas, Nevada.

2015-2016 CALENDARS Posted on the Secondary CTE Web page

The **CTE Calendar of Events** and the **CTE DUE DATES and DEADLINES** calendars have been posted to the Secondary CTE web page located at this link: http://opi.mt.gov/programs/CTAE/CTE.html#gpm1_5. Please feel free to print and post both of these important calendars for your reference throughout the year. For questions about either calendar, please contact Christy Hendricks at 406.444.9019 or email her at: chendricks@mt.gov.

Agriculture, Food and Natural Resources

"All secondary Agriculture Teachers in Montana are highly encouraged to complete and submit their school's NQPS online assessment as soon as possible so their school can receive Advancing Ag Ed funds. State law outlines funding amounts - \$2,000 per FTE Ag teachers, \$7,500 for new or restart Ag Program or the addition of another Ag Teacher FTE.

The assessment is entirely done online. Once the assessment is completed, the program must submit the Budget, Budget Narrative and Signature forms. These forms are available to all Ag Teachers on METNET.

The funding is based on the National Quality Program Standards.

If anyone has questions, contact Eric Tilleman at estilleman@cascade.k12.mt.us

FFA



Each year, one of the State FFA Officer's goals is to visit all of the state's high school Agriculture programs. This year, beginning before Christmas, officers have conducted visitations to 78 of the state's 90 Ag programs and have provided students with leadership training. The remaining programs will be visited within the next three weeks.

During National FFA Week, which occurs February 20th -27th, Montana FFA will play host to National Officer Sydney Snider from Ohio who is serving as the Eastern Region Vice President. Sydney will spend the week traveling across the state where she will present interactive leadership development programs at a variety of sites. National FFA Week is an opportunity for FFA members, alumni and sponsors to advocate for agricultural education and FFA. It's a time to share with local, state and national audiences what FFA is and the impact it has on members every day.



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Did you know?

Each year, FFA chapters around the country celebrate National FFA Week. The week-long tradition began in 1947 when the National FFA Board of Directors designated the week of George Washington's birthday as National FFA Week in recognition of his legacy as an agriculturist and farmer. The first National FFA Week was held in 1948. Today, FFA Week always runs Saturday to Saturday and encompasses Feb. 22, Washington's birthday.

National FFA Week did not start out as a week-long event. At first it was National FFA Day. The 1933 National FFA Convention Proceedings records the beginning of FFA Day in this way: "Stewart of Montana requested the floor at this time to present a matter of general interest. He suggested the idea of having a special Future Farmer Day some time during 1934, preferably on one of the regular national FFA broadcasting days. It was pointed out that the various state associations could perhaps plan special state broadcasts also on that day and that chapters might plan their father and son banquets on the date specified. The idea seemed to meet with general delegate approval and after some discussion it was moved by Stewart that the Board of Trustees arrange for such a day; motion passed."

*Robert Stewart was Montana's 1st National FFA Officer from Miles City

FFA information submitted by Montana FFA State Director, Jim Rose, phone: (406) 994-7050; Email: jrose@metnet.mt.gov.

Business Education

Montana Business Education Specialist Works with National Student Organization on Curriculum Alignment

Early in the fall of 2015, Business Education Specialist Eric Swenson was one of nine business educators selected by the Business Professionals of America Board of Trustees to outline a plan for aligning and developing a crosswalk of Business Professionals of America's competitive events program, known as the Workplace Skills Assessment Program, to national curriculum standards.

The committee met in Columbus, Ohio, November 13-15, 2015 and Business Education Specialist Eric Swenson served as the facilitator and led the committee in their work to be completed. During the meeting, work began to align the competencies of each of the 88 events within the Workplace Skills Assessment Program for the Middle Level, Secondary, and Post-Secondary to the Common Career Technical Core and the National Standards for Business Education. Both a vertical analysis was completed for each event as well as the completion of a compiled crosswalk chart to show the alignment of all events to each of the standards for both sets.

The committee also worked to align the Business Professionals of America's WSAP essential skills to the Framework for 21st Century Learning and a discussion was held regarding completing a crosswalk to the Common Core Standards for Math and English/Language Arts. Additionally, development of a database of all competitive event competencies began which will allow queries to be ran to show the standards each competencies aligns.

Earlier this month, a draft of the alignment and crosswalk to the Common Career Technical Core and the National Standards for Business Education has been completed and distributed to members of the WSAP Crosswalk Committee for review and comment. Additional work will continue throughout the winter and spring with a final



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draft to be ready for review by the Business Professionals of America's Board of Trustees during the Board's summer meeting in July 2016.

The following is a listing of the individuals who participated in the WSAP Crosswalk meeting.

- Chad Bobb, Local Secondary Chapter Advisor, Indiana
- Amy Burris, State Advisor, Ohio
- Angie Hewes, Local Secondary Chapter Advisor, Delaware
- Judith McKinstry, Chair of the Board of Trustees and Massachusetts State Advisor
- Patrick Schultz, Local Secondary Chapter Advisor, Michigan
- Jaye Simpson, Local Post-Secondary Chapter Advisor, Texas
- Kelly Sipple, Local Middle Level Chapter Advisor, Delaware
- Eric Swenson, Montana Business Education Specialist
- Vickie Thomas, Business Professionals of America's Director of Education

Business Professionals of America is the leading CTSO (Career and Technical Student Organization) for students pursuing careers in business management, office administration, information technology and other related career fields. BPA has 43,000 members in over 2,300 chapters in 23 states. BPA is an intracurricular organization that supports business and information technology educators by offering co-curricular exercises based on national standards.

Submitted by

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Montana Business Professionals of America— February 2016 Update

Love is in the air...Love that everyone successfully completed their regional conferences and are gearing up for the BPA State Leadership Conference. The registration window for state conference is open until February 5, 2015. You can find all the details to this year's conference at www.bpamt.org

[WELCOME MSU-NORTHERN our newest BPA Chapter at the Post-Secondary Level!!!](#)

[BPA WEEK is February 8-12. CELEBRATE!!!](#)

QUARTERLY REPORTS. Second quarter service reports are due on **February 15**. To submit reports go to SURVEY MONKEY. The log in is: <https://www.surveymonkey.com/r/58VF9YM> Copy this link and you will go straight to survey. I have attached guidelines again. Last quarter was a great quarter for submissions, let's do it again. Your input is mandatory and valuable to our reporting to OPI for our HB86 Grant Monies. Thanks so much in advance.



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TORCH AWARDS AND VOTING DELEGATES AT STATE LEADERSHIP CONFERENCE. This year the students are not going to be able to be both a voting delegate and receive their torch award because of a conflict of scheduling. We will be having a special session for Torch Awards and a reception for our torch award recipients at 6:30 pm - 7:15 pm and the voting delegates must be at a mandatory meeting at 7:00 pm. Please plan accordingly as you select your voting delegates. Thanks!

DATES TO REMEMBER:

Competitive events Presubmission for SLC is February 5, 2016
Judged events Presubmission for SLC is February 5, 2016.
Statesman Torch Award Online resumes to be submitted by February 5, 2016
BPA Scholarship Applications must be postmarked by February 5, 2016
Applications for 2016-17 State Officer Candidates is February 5, 2016
Internship applications for SLC are due February 5, 2016
Montana Silver Star Awards due on February 19, 2016
Montana BPA Member Recruiter Applications due on February 19, 2016

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Follow us on Instagram  **BPAMT**

Tweet us on Twitter  **@Montana BPA**

Submitted by
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Montana DECA



With our 65 Year Celebration in full swing, Montana DECA is pleased to announce our State Career Development Conference February 7-9, 2016 in Great Falls, MT. The reformed and renovated State Conference will encompass an administrators day, empower learning labs, a statewide dance, and several leadership workshops that will company our state of the art competitive events program. For more information on the state conference, or to volunteer your time, please visit www.mtdeca.com/statecdc.

The State Conference Administrators day will empower professional development through hands on seminars and speakers. Ranging from Governor Steve Bullock to State Superintendent Denise Juneau, the short, informative sessions are designed to inspire prospective DECA Advisors and High School Administrators from around the state. To register for this new and innovative workshop, please visit www.mtdeca.com/adminday

Submitted by John Stiles, DECA State Director.



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Family and Consumer Sciences & Family, Career, and Community Leaders of America Update

In mid-January, Megan Vincent attended the annual FCCLA State Advisers Management Meeting in San Diego, California. This high quality professional development opportunity included updates from National FCCLA regarding programming and the upcoming National Leadership Conference, information about Ford's Safe Driving program, creating communication plans, partnership development, information about FIDM (Fashion Institute of Design & Merchandising), website development, career pathways and more. Information learned at this meeting will be woven throughout conferences and emails to the FCS field and FCCLA chapter advisers in the next few months.

The focus of Montana FCCLA this month is preparation for two upcoming events: FCCLA Week and the State Leadership Conference (SLC). FCCLA Week is February 8 – 12, and chapters across the state will be hosting events and activities to highlight the great things happening in Montana FCCLA. More information about the week can be found here: <http://fcclainc.org/news--media/fccla-week.php>. OPI and FCCLA have been reaching out to potential partners to exhibit at the new College and Career Readiness Fair during the SLC March 20 – 22; the initial response has been encouraging! Registration for SLC is open, and chapters have until February 10 to register to attend and compete.

The Montana FCCLA Board of Directors and the Montana FCCLA State Executive Council will be having their annual winter meetings in Bozeman on January 31 – February 1.

Respectfully submitted,
Megan A. Vincent, FCS Specialist, Office of Public Instruction
Nicole Wanago, FCCLA Director, Montana FCCLA

Megan A. Vincent



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Health Sciences Education

Health Science Update

Health Science Update:

I'd like to highlight some of our "Promising Practices" in health science programs across the state. This month features the Great Falls School District; CM Russell, Great Falls High School, and Paris-Gibson Educational Center.

Great Falls Public School's Health Science programs have been up to fantastic things, and we wanted to keep you posted!



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1. Guest speakers, an RN from Mercy Flight and a Medical Dosimetrist, are inspiring our kids in the classrooms, and over 92 local professionals have hosted medical job shadows and internships. Let us know if you'd like to share your career!
2. CMR HOSA (Health Occupation Students of America) is raising money to help Great Falls' Trayson Harrell fight Sickle Cell Anemia. See:
<https://www.facebook.com/TraysonBattleSickleCell/?fref=ts>



3. GFHS HOSA students taught muscles and bones to 50 energetic 4th graders from Morningside Elementary. <http://www.truaxbiology.com/HOSA/potential-events/in-a-box---morningside/H>



4. Advanced Health Science students at Paris Gibson have been studying bacteria and viruses and following the diagnosis, treatment, and recovery of an 80 year old patient with Clostridium Difficile.
5. GFHS students just finished their sheep and cow brain dissections. For their lab practical, check out what they are expected to know: <http://goo.gl/forms/FuLpRbch34>

To your health,
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Montana HOSA



Montana HOSA: Future Health Professionals is gearing up for their 12th Annual March 21-22 State Leadership Conference, to be held at the Missoula Holiday Inn Parkside. First day symposiums will include: pig heart dissections led by residents of the Family Medicine Residency of Western Montana; Leadership Games led by state officers; Project Share: Health Literacy Strategies led by members of Ronan HOSA; and Resistance Training: Active Shooter led by Mark Puddy, Missoula PD. Tuesday health science symposiums will be hosted by UM faculty on the UM campus.

A Vendor Expo will be hosted in the hotel atrium. Vendor information and contract may be found on the Montana HOSA homepage, www.montanahosa.org.

Judges are needed for events Monday afternoon and Tuesday morning. Those interested in signing up for events may register at,

https://docs.google.com/forms/d/1AYdzQYjF4S5wQMOzoxwny9ffLFXpu2bXj8_0Nvt0IL8/viewform?usp=send_for_m

Montana HOSA chapters continue to astound middle school teachers across the state with their health science In-A-Box curriculum trunk presentations. Below, Great Falls HOSA teaches about the Heart and Bones & Muscles to 75+ Lincoln Elementary students; Anaconda teaches about the Heart to 150+ Anaconda middle school students.

Submitted by

Martha Robertson

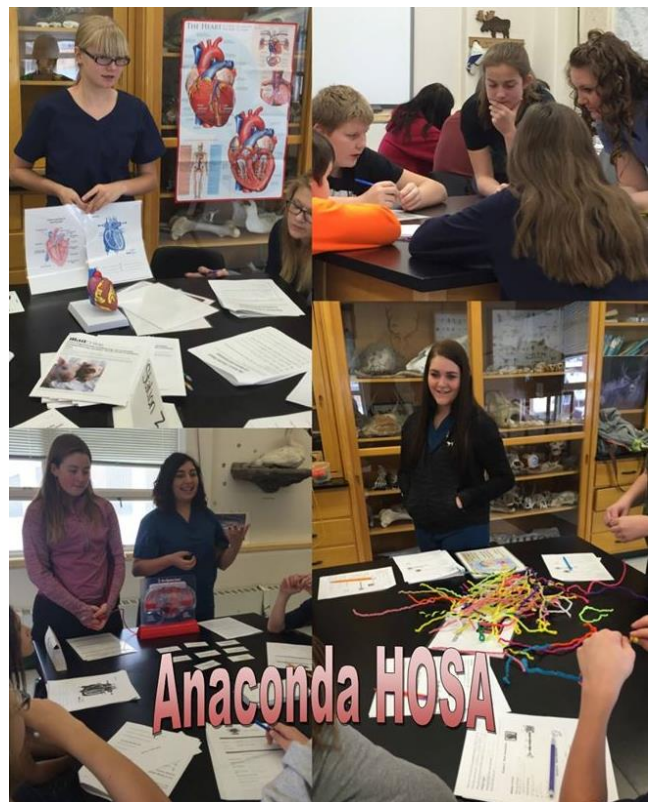
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Industrial, Trades and Technology Education

REMINDER: As previously announced, SAFETY FEST MT will be held in Missoula at the Hilton Garden Inn, on February 8-12, 2016. Over 40 free safety related classes are scheduled. Classes vary in length, such as the OSHA Construction 30 hour and 10 hour classes to numerous 2 hour sessions.

It is universally agreed upon that, SAFETY should be the main focus of every CTE Program, as well as the goal of every employee and employer.

Attendees have the option to select areas of interest without attending all offerings.

Special room block rates are available at the Hilton Garden Inn if needed.

For a complete list, go to www.safetyfestmt.com.

From the Montana Department of Labor and Industry Description:

At the Montana Department of Labor & Industry our goal is to make safety a part of the workplace culture. To achieve that goal, we provide free safety education and training through our signature event: **SafetyFestMT**.

What is SafetyFestMT?

SafetyFestMT provides free quality training to employers and their workers throughout Montana. Just as the needs of each community in Montana are diverse and unique so is each SafetyFest. Every event is geared towards the community hosting it.

Along with a core curriculum consisting of classes such as OSHA 10-Hour General Industry, OSHA 10-Hour Construction, Work Comp 101, Stay at Work/Return to Work, and others; SafetyFest provides classes that are geared towards specific needs of the region.

Whether you're a seasoned safety professional, or just getting started; you can pick and choose the classes you need. SafetyFest has tools to help you create a culture of safety in your workplace.

Helena College is planning a free Automotive Technology Workshop the week of June 13. More details will be provided in the March CTE Update as well as in future emails to instructors.

On January 22, 2016, a meeting was held in Helena that involved Automotive Technology Pathway Partnerships. The meeting was hosted by The Office of the Commissioner of Higher Education (OCHE) and attended by appropriate faculty from MSU-Northern, City College MSU Billing, Helena College, Billings Career Center, Great Falls High School, Helena Capital High School, and a representative for the Montana Automobile Dealers Association.

The Dealers Association has expressed the desire to connect with secondary and postsecondary Automotive Technology programs, as well as to help support these programs. Details of such support will need agreement and clarification.

Three specific areas of focus were identified, which will be explored by a committee and the results brought back to the group.

The consensus is that this was a very productive meeting and a great start for growing a strong partnership.

Submitted by

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SkillsUSA



As we start the New Year, many SkillsUSA chapters are gearing up and getting ready for local competitions, holding fundraisers, and making sure all of their members have the technical skills necessary to compete at the State Conference in April.

New at the State Conference this year will be the Photography contest and our Middle School competition, the Team Engineering Challenge. We are excited to have our middle school members join us this year at the State Conference and look forward to seeing this program grow in years to come.

In our Chapter of Excellence Program, the Billings Career Center has met the requirements to become a Quality Chapter and is now working on becoming a Chapter of Distinction. The final level in this program is the Chapter of Excellence which is recognized at the national level of SkillsUSA. This program is based on the SkillsUSA Framework.

The SkillsUSA Framework illustrates how students fulfill the mission of the organization “to empower members to become world-class workers, leaders and responsible American citizens.”



The Framework uses personal, workplace and technical skills grounded in academics to achieve this goal.

SkillsUSA information submitted by Montana SkillsUSA State Director, Cassie Huntley, cell phone: (406) 461-5016; Email: chuntley@skillsusamontana.org



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Montana TSA



No update at this time.

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